

## A B S T R A C T

A METHOD OF NON-INTRUSIVELY MONITORING THE MIXTURE RATIO  
OF A GAS MIXTURE HAVING AT LEAST TWO COMPONENTS

The method of non-intrusively monitoring the  
5 proportion of a component in a gaseous mixture having at  
least two components and contained in an electrical  
switchgear enclosure consists in measuring the pressure,  
the temperature, and the density of the gas mixture by  
means of sensors mounted on said enclosure, and in  
10 determining said proportion by processing the measured  
values in a data-processing unit.

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